

1816

#40  
11/5/97

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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/823,980ADATE: 10/28/97  
TIME: 09:11:18

INPUT SET: S21213.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: Weiner, Amy J.  
6 Houghton, Michael  
7  
8 (ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus  
9 E2/NS1 Region  
10  
11 (iii) NUMBER OF SEQUENCES: 134  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Chiron Corporation  
15 (B) STREET: 4560 Horton Street  
16 (C) CITY: Emeryville  
17 (D) STATE: CA  
18 (E) COUNTRY: USA  
19 (F) ZIP: 94608-2916  
20  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
26  
27 (vi) CURRENT APPLICATION DATA:  
28 (A) APPLICATION NUMBER: US 08/823,980  
29 (B) FILING DATE: 25-MARCH-1997  
30 (C) CLASSIFICATION:  
31  
32 (viii) ATTORNEY/AGENT INFORMATION:  
33 (A) NAME: Goldman, Kenneth M.  
34 (B) REGISTRATION NUMBER: 34,174  
35 (C) REFERENCE/DOCKET NUMBER: 0938.007  
36  
37 (ix) TELECOMMUNICATION INFORMATION:  
38 (A) TELEPHONE: 510-601-2719  
39 (B) TELEFAX: 510-655-3542  
40  
41  
42 (2) INFORMATION FOR SEQ ID NO:1:  
43  
44 (i) SEQUENCE CHARACTERISTICS:  
45 (A) LENGTH: 6 amino acids  
46 (B) TYPE: amino acid

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47 (C) STRANDEDNESS: single  
48 (D) TOPOLOGY: linear  
49  
50 (ii) MOLECULE TYPE: peptide  
51  
52 (ix) FEATURE:  
53 (A) NAME/KEY: Xaa  
54 (B) LOCATION: 1  
55 (D) OTHER INFORMATION: /label= variable  
56 /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,  
57 or Thr"  
58  
59 (ix) FEATURE:  
60 (A) NAME/KEY: Xaa  
61 (B) LOCATION: 2  
62 (D) OTHER INFORMATION: /label= variable  
63 /note= "Represents Ile, Leu, Met, Phe or Trp"  
64  
65 (ix) FEATURE:  
66 (A) NAME/KEY: Xaa  
67 (B) LOCATION: 3  
68 (D) OTHER INFORMATION: /label= variable  
69 /note= "Represents Leu or Phe"  
70  
71 (ix) FEATURE:  
72 (A) NAME/KEY: Xaa  
73 (B) LOCATION: 6  
74 (D) OTHER INFORMATION: /label= variable  
75 /note= "Represents Ala or Gly"  
76  
77  
78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
79  
80 Xaa Xaa Xaa Xaa Xaa Xaa  
81 1 5  
82  
83 (2) INFORMATION FOR SEQ ID NO:2:  
84  
85 (i) SEQUENCE CHARACTERISTICS:  
86 (A) LENGTH: 32 amino acids  
87 (B) TYPE: amino acid  
88 (C) STRANDEDNESS: single  
89 (D) TOPOLOGY: linear  
90  
91 (ii) MOLECULE TYPE: peptide  
92  
93 (ix) FEATURE:  
94 (A) NAME/KEY: Xaa  
95 (B) LOCATION: 1  
96 (C) OTHER INFORMATION: /label=Dpr  
97 /note=2,3-diaminopropionic is acetyl cysteine  
98  
99 (ix) FEATURE:

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100 (A) NAME/KEY: Xaa  
101 (B) LOCATION: 2  
102 (D) OTHER INFORMATION: /label=Ahe  
103 /note= 2)amino heptanoic is butyl alanine  
104  
105  
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
107  
108 Xaa Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser  
109 1 5 10 15  
110  
111 Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu  
112 20 25 30  
113  
114 (2) INFORMATION FOR SEQ ID NO:3:  
115  
116 (i) SEQUENCE CHARACTERISTICS:  
117 (A) LENGTH: 5 amino acids  
118 (B) TYPE: amino acid  
119 (C) STRANDEDNESS: single  
120 (D) TOPOLOGY: linear  
121  
122 (ii) MOLECULE TYPE: peptide  
123  
124  
125  
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
127  
128 Val Ser Leu Leu Ala  
129 1 5  
130  
131 (2) INFORMATION FOR SEQ ID NO:4:  
132  
133 (i) SEQUENCE CHARACTERISTICS:  
134 (A) LENGTH: 7 amino acids  
135 (B) TYPE: amino acid  
136 (C) STRANDEDNESS: single  
137 (D) TOPOLOGY: linear  
138  
139 (ii) MOLECULE TYPE: peptide  
140  
141  
142  
143 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
144  
145 Ser Leu Leu Ala Pro Gly Ala  
146 1 5  
147  
148 (2) INFORMATION FOR SEQ ID NO:5:  
149  
150 (i) SEQUENCE CHARACTERISTICS:  
151 (A) LENGTH: 5 amino acids  
152 (B) TYPE: amino acid

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153 (C) STRANDEDNESS: single  
154 (D) TOPOLOGY: linear  
155  
156 (ii) MOLECULE TYPE: peptide  
157  
158  
159  
160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
161  
162 Leu Ala Pro Gly Ala  
163 1 5  
164  
165 (2) INFORMATION FOR SEQ ID NO:6:  
166  
167 (i) SEQUENCE CHARACTERISTICS:  
168 (A) LENGTH: 7 amino acids  
169 (B) TYPE: amino acid  
170 (C) STRANDEDNESS: single  
171 (D) TOPOLOGY: linear  
172  
173 (ii) MOLECULE TYPE: peptide  
174  
175  
176 (ix) FEATURE:  
177 (A) NAME/KEY: Xaa  
178 (B) LOCATION: 7  
179 (D) OTHER INFORMATION: /label= variable  
180 /note= "Represents Ala, Pro or Ser"  
181  
182  
183 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
184  
185 Ser Leu Leu Xaa Xaa Gly Xaa  
186 1 5  
187  
188 (2) INFORMATION FOR SEQ ID NO:7:  
189  
190 (i) SEQUENCE CHARACTERISTICS:  
191 (A) LENGTH: 7 amino acids  
192 (B) TYPE: amino acid  
193 (C) STRANDEDNESS: single  
194 (D) TOPOLOGY: linear  
195  
196 (ii) MOLECULE TYPE: peptide  
197  
198  
199 (ix) FEATURE:  
200 (A) NAME/KEY: Xaa  
201 (B) LOCATION: 7  
202 (D) OTHER INFORMATION: /label= variable  
203 /note= "Represents Ala, Pro or Ser"  
204  
205

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206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

207

208 Ser Leu Phe Xaa Xaa Gly Xaa

209 1 5

210

211

212 (2) INFORMATION FOR SEQ ID NO:8:

213

214 (i) SEQUENCE CHARACTERISTICS:

215 (A) LENGTH: 31 amino acids

216 (B) TYPE: amino acid

217 (C) STRANDEDNESS: single

218 (D) TOPOLOGY: linear

219

220 (ii) MOLECULE TYPE: peptide

221

222

223

224

225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

226

227 Xaa Thr Xaa Val Thr Gly Gly Xaa Ala Ala Arg Thr Thr Xaa Gly Xaa

228 1 5 10 15

229

230 Xaa Ser Leu Phe Xaa Xaa Gly Xaa Ser Gln Xaa Ile Gln Leu Ile

231 20 25 30

232

233

234 (2) INFORMATION FOR SEQ ID NO:9:

235

236 (i) SEQUENCE CHARACTERISTICS:

237 (A) LENGTH: 31 amino acids

238 (B) TYPE: amino acid

239 (C) STRANDEDNESS: single

240 (D) TOPOLOGY: linear

241

242 (ii) MOLECULE TYPE: peptide

243

244

245

246

247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

248

249 Ala Thr Tyr Ala Thr Gly Ala Ala Gln Gly His Ala Thr Asn Ser Phe

250 1 5 10 15

251

252 Val Ser Leu Phe Arg Ser Gly Ala Ser Gln Asn Leu Lys Leu Val

253 20 25 30

254

255 (2) INFORMATION FOR SEQ ID NO:10:

256

257 (i) SEQUENCE CHARACTERISTICS:

258 (A) LENGTH: 31 amino acids

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/823,980A**

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Original Text